

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030303.D
 Acq On : 23 Mar 2023 11:20
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Mar 24 02:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	148963	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	151271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	90791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	193817	19.645	ug/L	0.00
7) Chloroethane-d5	1.535	69	180168	18.818	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	492392	21.032	ug/L	0.00
20) 2-Butanone-d5	3.828	46	577110	238.113	ug/L	-0.02
24) Chloroform-d	4.259	84	487087	20.398	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	230219	20.435	ug/L	0.00
32) Benzene-d6	4.969	84	881841	20.687	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	269854	20.221	ug/L	0.00
41) Toluene-d8	7.252	98	830543	21.217	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	104860	20.869	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	499184	247.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	214100	20.355	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	330584	20.372	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	431368	22.779	ug/L	99
3) Chloromethane	1.217	50	524483	21.949	ug/L	98
5) Vinyl chloride	1.285	62	400745	23.004	ug/L	99
6) Bromomethane	1.490	94	105636	21.261	ug/L	98
8) Chloroethane	1.552	64	220746	22.121	ug/L	98
9) Trichlorofluoromethane	1.716	101	577036	22.722	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	311596	22.230	ug/L	98
12) 1,1-Dichloroethene	2.072	96	286139	22.989	ug/L	94
13) Acetone	2.172	43	541414	231.547	ug/L	84
14) Carbon disulfide	2.243	76	971181	23.688	ug/L	100
15) Methyl Acetate	2.394	43	102358m	25.433	ug/L	
16) Methylene chloride	2.452	84	303570	20.620	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	681199	25.841	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	307813	23.475	ug/L	99
19) 1,1-Dichloroethane	3.117	63	593117	23.333	ug/L	98
21) 2-Butanone	3.912	43	788164	268.553	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	331102	25.160	ug/L	98
23) Bromochloromethane	4.159	128	144062	23.440	ug/L	98
25) Chloroform	4.285	83	596058	23.204	ug/L	96
27) 1,2-Dichloroethane	5.050	62	370258	23.839	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	552067	22.706	ug/L	100
30) Cyclohexane	4.593	56	570621	25.763	ug/L	100
31) Carbon tetrachloride	4.744	117	493381	22.364	ug/L	99
33) Benzene	5.018	78	1279302	23.810	ug/L	100
34) Trichloroethene	5.841	95	333835	23.038	ug/L	99
35) Methylcyclohexane	6.059	83	585285	25.733	ug/L	97
37) 1,2-Dichloropropane	6.101	63	331021	23.999	ug/L	99
38) Bromodichloromethane	6.439	83	420025	23.253	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	496967	25.622	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	1894724	260.679	ug/L	97
42) Toluene	7.323	91	1418309	24.784	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	412240	24.978	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	218810	22.530	ug/L	97
47) Tetrachloroethene	7.911	164	290828	22.741	ug/L	97
48) 2-Hexanone	8.085	43	1438758	264.141	ug/L	99
49) Dibromochloromethane	8.185	129	270463	23.395	ug/L	96
50) 1,2-Dibromoethane	8.291	107	207866	23.525	ug/L	96
51) Chlorobenzene	8.821	112	888912	24.259	ug/L	97
52) Ethylbenzene	8.953	91	1631584	26.059	ug/L	98
53) m,p-Xylene	9.082	106	626826	26.153	ug/L	98
54) o-Xylene	9.487	106	600179	26.170	ug/L	97
55) Styrene	9.503	104	1034726	26.564	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	267474	23.202	ug/L	100
59) Bromoform	9.673	173	159039	21.673	ug/L	100
60) Isopropylbenzene	9.876	105	1687115	25.198	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	180334	22.216	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	1432095	26.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	1489994	26.760	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	794639	23.800	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	798361	23.735	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	719239	23.906	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	43043	21.319	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	638790	24.848	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	516165	26.005	ug/L	99
71) Naphthalene	13.448	128	763606	26.938	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	436215	25.368	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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